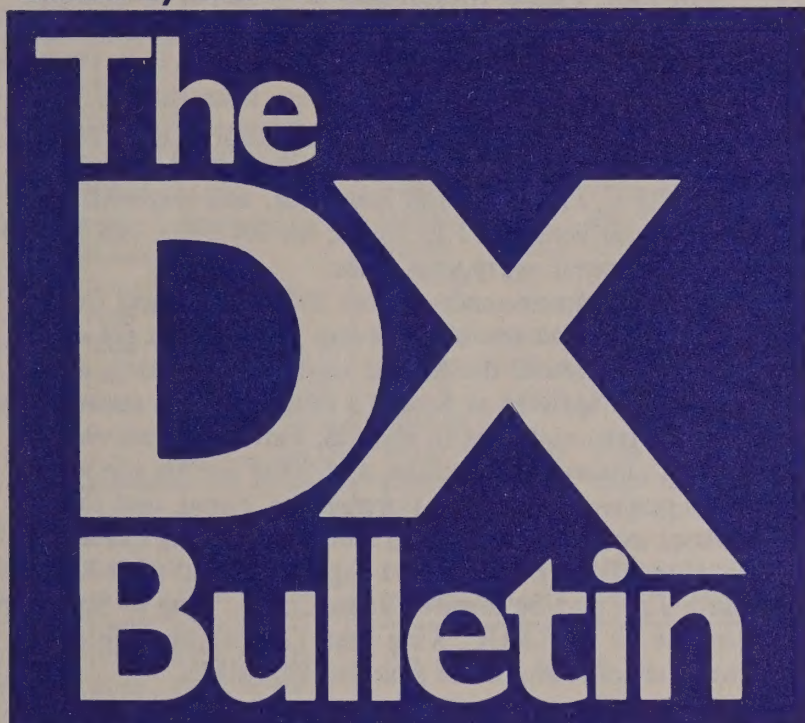


**Johnston Island - KH3** Pete Grillo AH3C returns to Johnston (OC-023) May 3-9. On CW, try 30 kHz up; on SSB, watch 1830, 3790, 7090, 14190, 21290, and 28490 kHz. Special activity on 50110 kHz, 14090 RTTY, and the new bands. Pete will concentrate on working Europe, mainly on 20 and 15 meters in his early evening: 0630-0930Z. Other stations should be patient while he works Europe. QSL to K9UIY.

**Micronesia - V6 V63MS** will be operated by JK1GXU May 1-4, on 40, 30, 20, 15, and 10 meters, SSB and CW. He will accept some RTTY skeds before his departure. QSL home call. (Japan DX News.)

**Guernsey - GU** UK's Mid-Northants Expedition Group will operate from Sark May 1-9, 160-10 meters, CW, SSB, and RTTY. Calls include GU5LP, GU0AGE, GU0EKD, GU0HBA, and GU0ING. QSL G5LP.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Dodecanese - SV5** Andreas Söchting DK6AS is signing SV0HS/SX5 to April 29 (see Issue 633). First spots show him on 20-meter CW (14026/005) 2345-0245Z, 18073 15-1900Z, and 24898 1300Z. QSL DJ8MT.

#### South Sandwich/South Georgia DXpedition

The VP8SSI/VP8CBA operators have returned home after making almost 40,000 contacts from South Sandwich, and another 5,000 CW and RTTY contacts from South Georgia as VP8CBA. QSL VP8CBA via W6KMB. Severe weather hampered the operation, with high winds destroying tents and antennas. However, all got off the islands safely, including all rigs and amplifiers. They made only three 160-meter QSOs, due to antenna problems. Martti Laine OH2BH says this was his most challenging DXpedition ever. Many of the operators will be at Dayton to share their experiences.

#### Shortly Noted

- **FR5AI/T** is expected to be active beginning April 30. Try 14005, 14027, 21020, and 21035 kHz. QSL home call. (Thanks to Japan DX News.)
- **IY0GA** will be active in the Marconi Day celebration April 24-26, from Sardinia Island (EU-024). QSL via IS0JMA. (Thanks DXNS.)
- The **S2/HA5BUS** operation ended April 22. QSL to the Globex Foundation, Box 49, 1311, Budapest, Hungary. Donations would be greatly appreciated.
- **ZS25NSRI** celebrates the 25th anniversary of the National Sea Rescue Institute of South Africa to April 26.
- **P5IARU** and other P5s, claiming to be Seppo OH1VR, were pirates, according to OH1VR in Visalia. "We have a yellow light for the May P5 operation," Seppo said.
- **9G3CC** appeared briefly on 15 meters April 11; a delayed April Fools?
- **WA6BYA** has been issued Six-meter DXCC certificate #50, the first from the West Coast. Congratulations, Bob!
- **4A3NMP** is a station aboard a recreation of one of Columbus's ships. They'll be active until Oct. 12, especially on 7085 kHz in the evenings. QSL XE1MX, 1992 *Callbook*.
- **ZA1A** has received the first-ever field-checked DXCC certificate (DXCC #31159), at Visalia. All QSLs were received unsolicited. ZA1A also received a Worked All States award. (ZA1AUP almost got a CW DXCC....)
- **K4AF** will be active from the Pentagon during Armed Forces Day May 15-16. Try 35 kHz up from the bottom of bands and sub-bands. SASE for QSL, or \$2 for a special certificate to Pentagon ARC, Box 47063, Washington DC 20050, ATTN: Armed Forces Day. (W5YI.)
- SSB Net check-ins: **14227:** (11, 22Z) VU2GI 9K2MC V51JM J28GG P29KH VK9LA JY9ZK KH0AC BY5HZ YB2ARO; **14236:** (2330Z) OD5VT ZC4DG 3D2AG SV0HW/9 TL8IM; **14256:** (2330Z) 6T2YD FH8CB; **21313:** (18Z) 5Z4PB S2/HA5BUS; **21335:** (14Z) YK1AO UI8ZAA ZC4ST; **28480:** (15Z) ZD7CRC.
- **Islands On The Air: KD4KQH** on (NA-069) is not in the *Callbook*; QSL to Box 976, Sanibel I. FL 33957. **IA5C** will be active May 1-3 from Capraia I. (EU-028); QSL to I5JHW. **FO5BI** will operate from the Tuamotu Archipelago (OC-066) May 1-15. **IL7IA**, **IL7PXD**, **IL7TWA**, and **IL7RVK** will be on from S. Domino I. (EU-050) May 1-3; QSL via I0IA. **6T2YD/SA** was active from Suakin Archipelago (AF-062); QSL to F6AJA. Spots: **VE2FZZ** (NA-038) 21260 1500Z (IOTA net); **HP1XSO/p** (NA-170) 14243 0000Z; **HL4KZW** (AS-060) 21260 0400Z; **RA1AKB** (EU-133) 21260 1310Z. **I4LCK** will operate as **S79CK/D** from Desroches I. (AF-033) Apr. 29-May 5, on the IOTA frequencies of 14260, 21260, and 28460 kHz; QSL home call.
- **RTTY:** Regular: **6W1QB** 28085± kHz at 1700Z. **SV1AHH** will operate from Crete SV9 to May 2, RTTY and CW. Spots: **SU1ER** 14074 ARQ 0640Z; **P29RB** 14083 1225Z; **TY1PS** 21074 1230Z; **BY1QH** 14082 1400Z.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
April 1992	Date Flux A K	Date Flux A K
24 High Normal	03/28 186 10/14 2	03/01 200 16/18 2
25 High Normal	03/29 193 15/18 2	03/02 181 09/10 3
26 High Normal	03/30 182 11/13 2	03/03 163 08/11 1
27 High Normal	03/31 191 09/12 2	03/04 160 07/10 1
28 High Normal	04/01 184 12/15 1	03/05 155 09/10 2
29 High Normal	04/02 161 04/09 2	03/06 155 06/08 2
30 Low Normal	04/03 160 24/24 4	03/07 160 07/08 2
May 1992		
01 High Normal	04/04 154 10/12 2	03/08 182 09/11 2
02 High Normal	04/05 154 11/13 2	03/09 172 16/14 2
03 Below Normal	04/06 143 28/25 2	03/10 169 14/16 3
04 Low Normal	04/07 142 15/18 2	03/11 165 13/19 2
05 Low Normal	04/08 145 12/17 3	03/12 164 11/11 0
06 High Normal	04/09 140 06/07 1	03/13 165 04/07 0
07 High Normal	04/10 141 03/06 1	03/14 165 04/05 1
08 High Normal	04/11 143 03/05 2	03/15 169 10/09 2
09 High Normal	04/12 144 02/06 0	03/16 161 10/13 3
10 High Normal	04/13 146 05/09 2	03/17 159 21/21 5

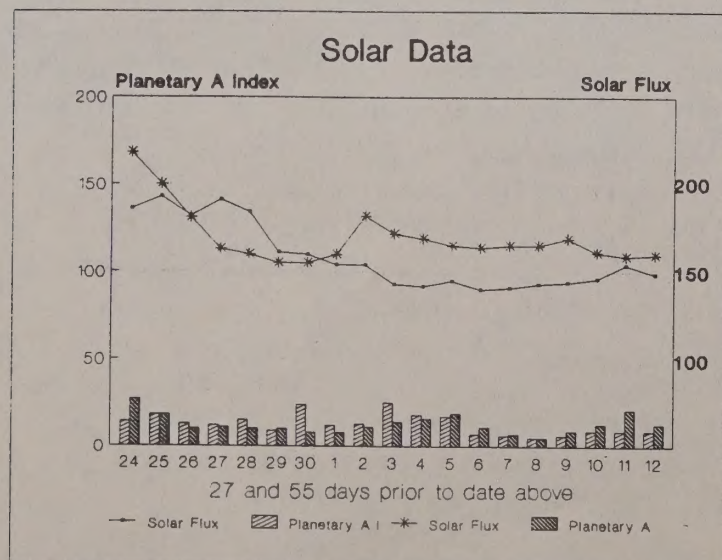
### Propagation Watch

Solar flux finally rose above 200, for the first time since early March. Solar activity had been hovering in the 150 range for many weeks. While the increase in solar activity is good news, it was accompanied by an M-class solar flare, the first this month.

The prolonged stretch of low solar activity and a quiet geomagnetic field has produced some excellent long-path and polar-path openings. The early morning opening to the west has been very good, especially on 20 meters. The long paths on the higher bands have provided some choice DX, such as South Sandwich and Bangladesh.

As we approach the summer solstice, the higher bands will suffer from D-layer absorption. Look for 10 and 12 meters to be less productive, except on the usually reliable north-south paths.

Sunspot Region 7135 may produce some band-disrupting flares this week. It is a magnetically complex Region, and produced the M-class flare mentioned above. Some coronal holes may also disturb the geomagnetic field. However, DXers should continue to check the long paths for weak, but workable, signals, whenever the K index is 2 or less. These good conditions won't last forever! Good hunting.



## Father Moran 9N1MM - Silent Key

Dr. Marshall Moran OSJ, better known to the amateur community as Father Moran 9N1MM, passed away in New Delhi, India, last week of heart problems. He was 86 years old.

Father Moran's amateur radio career spanned the history of the hobby, from his first crystal radio in 1918, to his daily appearances on 20 meters to within days of his death. Although he never held a US amateur license, he was active on the bands from Chicago in the 1920s. His amateur career paused for a few years, while he obtained his doctorate in languages from the Jesuit college in St. Louis, MO. His first missionary post in India put him in contact with World War II pilots, including the Hallicrafters SX28s they used for communications. This rekindled his interest in amateur radio. He was active from India in the late 1940s, where he met Gandhi, and drove Nehru around in a jeep.

In 1951, Father Moran moved to Nepal to establish the St. Xavier School, in an abandoned maharajah's summer palace. He remained there for 40 years. In 1960, he teamed up with some visiting engineers from the US, who were installing telecommunications equipment in Nepal. Along with Sam Maso 9N1SM, Tom Bell 9N1TB, and Fred Vocal 9N1FV, Father Moran asked for, and received, amateur radio license #1 in Nepal, for 9N1MM. His license has been renewed every year since.

Father Moran made almost 300,000 contacts from Nepal, and assisted essentially every visiting ham get on the air. He helped found the Seanet on-the-air meeting, and was the guest speaker at Seanet's first in-person convention. During his triennial trips to the US, Father Moran visited dozens of amateur radio clubs, and 'sang for his supper,' with his positive and loving portrayal of Nepal, and the Nepalese, especially the young students. Among other distinctions, Father Moran had regular contact with King Hussein JY1, and he inspired Juan Carlos, King of Spain, to get on the air as EA0JC. King Juan Carlos even equipped his royal shack with Drake gear, on 9N1MM's recommendation.

While not on the air, Father Moran ran the St. Xavier school with its 260 students. He held morning sick call, despite his lack of formal medical training, and he worked tirelessly to improve the education and spiritual well-being of two generations of Nepalese.

Rest in Peace, 9N1 Mickey Mouse.

### USSR "Callbooks"

Some DXers report receiving a refund of their payment from EVM World Trading, Inc. A form letter from EVM states that they cannot supply the directory, due to circumstances beyond their control. Anyone who hasn't received their refund nor directory should contact EVM at 8023 19th Ave., Apt. 5B, Brooklyn NY 11214.

### CQM Contest

The Peace to the World (CQM) contest runs 2100Z May 8-2100Z May 9, on traditional bands 160-10 meters. CW, SSB, and mixed-mode; single-band (mixed), single-op, all-band, multi-single, and SWL categories. Exchange RS(T) and QSO number. Multipliers are R-150-S countries. Logs by July 1 to CQM, Box 8C, Moscow, Russia.



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

## RTTY

4L0DXC	21094	1155	17	FL
5N3ZIP	28089	1233	11	FL
6W1QB	28095	1159	11	FL
7P8SR	28081	1203	11	FL
A45ZX	14091	0200	14	MI
SV0DV/9	28087	1322	17	FL
SV0DV/9	14086	1340	11	CA
TU2UR	21080	2250	15	CA
UC2ADX	21086	1850	12	WA
VP5JM	14084	0235	14	MI

## 80 Meters

UL7JW	3507	2345	8	NH
-------	------	------	---	----

## 75 Meters

VK6LK *	3798	2240	10	MA
---------	------	------	----	----

## 40 Meters

3D2AG	7052	0721	9	WI
Rotuma				
3D2QB	7002	1050	11	IA
3DA0BK	7005	0415	9	AZ
3X0HNU	7002	0702	15	CA
EA6AAK	7007	0013	18	FL
HF0POL	7003	0111	8	AL
South Shetlands				
UA0XAO	7001	1034	10	WV

## 30 Meters

6W6JX	10102	0540	6	OH
9K2MU	10104	2245	12	FL
KH3AE	10104	1053	7	VT
UC2WAZ	10109	0307	12	NH
Z21HS	10107	2215	12	NY
ZA1TAC	10105	0130	15	GA

## 20 Meter CW

3B8CF	14042	0337	13	MN
3B8CF *	14035	1350	11	CA
3B8FG	14019	0245	14	MN
3B8FG *	14021	1300	9	MI
3C1EA	14010	0724	8	AL
4K1YAR	14007	0556	13	OR
4K1YAR	14024	1400	13	AZ
4K2MAL	14011	1710	9	MI
4K2OKV	14029	0145	15	FL
4S7CF	14006	1035	15	GA
4S7WP	14004	2245	8	MI
5R8GW	14009	1302	18	AZ
7P8FE	14022	2233	11	NH
7Q7JW *	14010	1355	10	CA
7Q7LA	14004	0400	13	MA
7Q7XX	14014	1950	12	NY
7X2FK	14030	0549	12	UT
9J2SZ	14008	2320	16	GA
9K2RC	14023	0540	10	IA
9M8FC	14006	1353	9	AZ
9V1JY	14029	1515	12	CA

AP/	14025	0230	12	IA
WA2WYR				
BV2TA	14025	1122	18	FL
BV4CT	14029	1243	17	MN
EK0AKC	14004	0321	12	NH
FK8FG	14015	0820	10	CA
HS1CDX	14024	1500	11	CA
HS1EHY	14006	1315	10	CA
HZ1AB	14015	0441	13	MN
JT2AB	14012	1121	11	WI
JW0E	14010	1340	10	CO
JY9TK	14020	0000	11	CA
OX3TW	14017	2240	7	MI
R750CH	14011	0300	12	GA
TA3D	14017	0325	12	IL
TF3DX	14039	1115	11	CA
TF3DX	14005	2250	10	MI
TF3IRA	14016	2351	9	NH
TU2MA	14022	1918	9	NH
UD6AI	14010	0240	15	GA
UI8T	14008	0005	14	FL
UJ8AH	14015	0210	13	SC
UJ8JMM	14024	0142	7	IN
UJ8KA	14007	2127	11	CO
VU2NI	14012	1145	18	FL
VU2OXX	14019	2352	11	IN
VU2TE	14015	0005	15	MN
VU2TEC	14026	1320	10	CA
VU3MSC *	14004	1220	16	MN
YA/	14034	2351	15	FL
OK1IAI				
YK1AO	14025	0139	15	FL
Z21CA *	14015	1325	12	CA
Z21FN *	14016	1338	10	CO
ZA1FD	14050	0700	12	CA
ZA1TAJ	14025	0037	14	MI
ZS70SA	14015	1405	14	WA

## 20 Meter SSB

5R8GW	14186	2150	7	IA
6W1QP	14219	0119	15	MN
A71BY	14174	0119	14	MI
HZ1ZS	14245	2155	12	NY
JY5IN	14195	0016	14	MI
OD5ZZ	14228	0010	13	NY
UJ8RA	14243	1327	13	AZ
VU2NR *	14185	1206	10	IL
YI1BGD	14202	0253	7	CO

## 17 Meter CW

3A/F6AUS	18071	1116	11	AL
3B8CF	18090	0507	10	SC
3D2QB	18079	0424	11	WI
4K2MAL	18070	2257	9	SC
4K2OKV	18079	2257	10	WI
6W6JX	18074	2235	10	WV
7Q7XX	18071	1940	11	NH
9V1OK	18075	1900	11	NH
EA9PB	18070	2223	10	SC
OX3XR	18080	2234	9	SC
PZ1DV	18090	2300	11	SC
UH8EA	18070	2131	7	OH
V85KX	18069	1453	12	NH

VQ9RS	18087	2155	12	NH
YA/	18073	0222	14	CT
OK1IAI				
ZB2AZ	18078	1240	6	OH
ZD8LII	18069	2355	14	GA

## 17 Meter SSB

VP2MEG	18142	0120	11	MI
--------	-------	------	----	----

## 15 Meter CW

3B8FG	21021	0320	12	CA
3D2QB	21019	0323	11	IL
4K2OLQ	21018	0105	11	CA
4S7WP	21022	2218	9	MN
4U1UN	21004	1925	12	FL
5N0SKO	21052	1055	11	WI
8R1J	21021	2208	12	IL
9G3CC?	21020	1138	11	AL
9K2MU	21038	0105	17	MN
9K2RC	21020	0350	12	SC
9K2ZR	21010	2156	18	FL
9X5HG	21006	0121	15	MN
9X5HG	21038	1359	11	ID
AP/	21027	1626	7	NC

WA2WYR 21025 2253 10 SC				
BV2FA	21021	0010	15	MN
BY4RB	21022	0020	16	GA
BY4WNG	21011	0110	13	OR
EA9UK	21010	0020	16	GA
HK0NAF	21021	0223	14	MN
HS1CDX	21023	0200	15	MN
JT1BS	21021	2352	13	WI
JT1CS	21025	0105	11	CA
R3K	21020	1710	11	MA
TA1A	21024	2201	10	ID
TA1AZ	21025	2000	12	SC
TF3ATN	21034	0000	15	GA
TF3GCN	21044	0000	12	CO
TY1PS	21082	2245	11	CA
TZ6BGE	21089	2345	16	CA
UA0KG	21030	0123	9	MI
UA0KG	21029	0210	13	IL
UA8TAA	21024	0056	11	CO
UI8T	21007	1630	11	GA
UI8TK	21007	1650	11	ID
UI9GWA	21023	0315	10	IA
UI9GWA	21009	1229	9	VA
UJ8JA	21009	0225	14	MN
UL7JW	21009	0024	11	CO
VP8CBA *	21023	2312	7	MI
VQ9RS	21082	1840	11	CA
VU2FWW	21020	0115	11	SC
VU2FWW	21005	1829	12	NH
VU2NTA	21023	0203	10	WI
YA/	21017	0116	11	CA

OK1IAI				
YN/	21025	2236	9	MN
SM0OIG				
Z21HS	21021	2130	15	CA
ZA1TAH	21025	1106	11	NC

## 15 Meter SSB

5R8GW	21225	2050	9	IA
-------	-------	------	---	----

7Q7XX	21263	1730	12	IA
7X2DG	21238	0301	13	IA
9M8AJ	21264	1805	11	MA
HV3SJ	21265	1935	11	IA
JT1BS	21211	0110	9	MI
OD5ZZ	21263	1215	12	IA
UI8ZAA	21273	0230	13	IA
V51JM	21355	1947	9	WI
VU2OO	21291	2052	11	ID
VU2WAP	21292	1732	11	WI
XV7TH	21295	1342	12	IL
ZC4DG	21295	1715	9	IA

## 12 Meter CW

3B8CF	24898	1456	12	CT
3D2QB	24897	0111	12	CT
6W6JX	24900	1623	11	SC
SU1HV	24898	1616	12	CT
V85KX	24898	1452	17	FL

## 12 Meter SSB

KH0AC	24968	0106	12	CT
VS6CT	24961	0130	12	CT

## 10 Meter CW

3D2QB	28014	0041	12	CT
5Z4FM	28022	2120	18	FL
AP/	28008	1427	12	FL
WA2WYR				
ES0HD	28025	1412	12	FL
HF0POL	28002	2048	11	SC
HK0NAF	28019	2233	12	FL
HZ1HZ	28022	1620	19	GA
J28FO	28028	1320	10	NH
PZ1DV	28022	1829	10	NH
PZ1DX	28029	1255	12	IL
XQ0YAF	28010	1620	11	GA
Easter Island				
YA/	28038	1414	9	WV
OK1IAI				
Z21HS	28025	1305	10	IA

## 10 Meter SSB

6W6JX	28472	1730	19	GA
9L1MR	28580	1543	12	WI
A22JP	28496	1805	11	IL
EA9UK	28440	1327	12	IL
FR5DL	28483	1500	11	IA
HZ1AB	28412	1702	9	WI
KH3/	28515	2220	12	NY
KA3HMS				
TZ6NU	28488	1425	12	IA
VQ9QW	28516	1720	11	IA
YI1MH	28606	1616	12	CT

## 6 Meters

3D2PO	50120	2102	7	FL
TI2HL	50110	2234	6	FL
ZL1ANJ	50104	2141	5	FL



## Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Antigua	V2	V29PI	Now	I631
Burkina Faso	XT	XT2BW	one year	I628
Cayman Islands	ZF	ZF8DX 9JE	May 5-19	I634
Crete	SV9/	SV1AHH	Apr.18-May 2	I634
Dodecanese	SV5	SV0HS/SX5	Apr. 17-29	I633
Fiji	3D	3D2QB	28007 01Z	I622
Franz Josef Land	4K2/	UV3AAC	Now	I625
Guadeloupe	FG/	N2HNP	Apr.28-May 1	I634
Guernsey	GU	GU0ING+	May 1-9	I635
Guyana	8R1/	G4SMC	to mid-May	I634
Iraq	YI	YI1BGD	by YU3PR?	I628
ITU Geneva	4U7ITU		May 1-3	I634
Johnston I.	KH3	AH3C	May 3-9	I635
Kuwait	9K	9K2WR	to July	I620
Maldives	8Q	8Q7PJ	Apr. 17-24	I630
Marshall Islands	V73/	KB6CC	Now	I633
Mayotte	FH	FH4AA?	Apr. 13-28	I632
Micronesia	V6	V63BW	May 2-9	I630
		V63YK	Apr. 27-May 3	I632
		V63MS	May 1-4	I635
Namibia	V5	V5/s	Apr. 25,	I631
Nevis & St. Kitts	V4/	JAs	Apr. 29-May 3	I631
Pakistan	AP/	WA2WYR	Now active	I619
Rotuma	3D	3D2AG	to end of April	I634
Sao Tome	S9	S92IJ	28495 13Z	I630
Svalbard	JW	JW5NM	May 4+	I632
Tonga	A35/	W6OSP	Apr. 20-30	I633
Tromelin	FR/T	FR4AI/T	Soon?	I635
Wake Island	KH9/	KA3HMS	Apr. 22-25	I633

## Operating Events and DX Gatherings

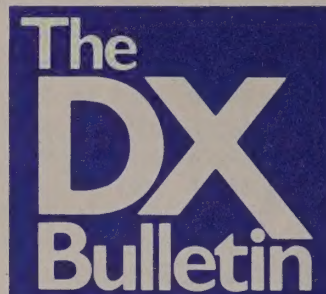
<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
April 24-26	Dayton Hamvention	
May 2-3	Italian DX Contest	<u>CQ</u>
May 2-3	Texas QSO Party	<u>CQ</u>
May 8-9	CQ Mir Contest	<u>I635</u>
July 17-19	DXPO Atlanta GA	
July 24-26	Northwest DX Convention, Seattle WA	
Aug. 21-23	ARRL National, Los Angeles	
Aug. 28-30	New Orleans DX Convention	
Oct. 10-11	DXPO 92, Washington DC	

## Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, DXNS, JADXN, AA7AU, AB4PW, AH3C, HG5BFL, K1HDO, K1VWL, K4II, K4IQJ, K4LNA, K6GNX, K7EX, K7UOT, K7UOT, K8OQL, K8RWL, K9AU, K9UE, KA1BSZ, KA1BSZ, KA7T, KA9MRU, K0CVD, KD7SO, KE9OZ, KG4O, KK6H, KM9J, KQ3S, KT7H, N1HN, N9LAG, NB7Q, NE8Q, NM7M, NZ9R, OK-DXPress, OPDX, VE1RJ, W1BFT, W1FV, W1HH, W1NH, W4VQ, W5YI, W6HF, W6JOX, W6JTI, W6UQF, W8CT, W9DH, W9HAO, W9RXJ, WA2MZX, WA6BYA, WB4OSN, WB8SFF, WB8YJF, WB8ZRL, W0JRN, and W0PGI. Thanks for your help! -chod.

## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Afghanistan	YA/OK1IAI	21016	01Z Sat/Sun
Afghanistan	YA/OK1IAI	14036	000Z
Afghanistan	YA/OK1IAI	18074	0230Z
Albania	ZA1TAJ	14005/025	0040Z
Albania	ZA1TAJ	10103	0130Z
Brunei	V85KXZ	24898	1500Z
Ceuta & Melilla	EA9UK	28440	1330
Chagos	VQ9RS	18080±	2200Z
China	BY4RB	21020	0020Z
Easter Island	XQ0YAF	28010	16-2000Z
Greenland	OX3XR	18078±	2230Z
India	VU2NTA	21020±	02Z00Z Fri.
Kazakhstan	UL7JW	3505	2345Z
Kenya	5Z4FM	28022	2040Z
Macao	XX9GD	14040	1300Z



P. O. BOX 50  
FULTON CA  
95439 USA  
(707) 523-1001

Copyright The DX Bulletin. All rights reserved. The DX Bulletin (ISSN 0279-8077) is published 50 times per year at P.O. Box 50, Fulton CA 95439 USA. Telephone (707) 523-1001; Fax: (707) 523-1001 (followed by "#" and "4" from manual fax machines). Compu-Serve 75755,737. One-year subscription rates are \$32 by Second Class Mail, \$42 by First Class Mail (including Canada and Mexico) and US\$55 Foreign Airmail. Second Class postage paid at Santa Rosa CA.

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Malawi	7Q7BW	21355	1900Z
Mali	TZ6VV	28503	0130Z
Mauritius Island	3B8FG	21020	0320Z
Mauritius Island	3B8FG	14012±	0245, 13Z
Mongolia	JT1BS	21211	0100Z
Mongolia	JT1BS	21011	2330Z
New Caledonia	FK8FG	14016	0830Z Fri.
Pakistan	AP/WA2WTR	14026	2200Z
Rwanda	9X5HG	21010±	0120Z
South Shetlands	HF0POL	28005±	Often
Sri Lanka	4S7WP	14004	2300Z
St. Pierre & Miquelon	FP1AW	14025±	1330Z
Taiwan	BV2TA	14025	1130Z Sat.
Wrangel Island	UA0KG	15M CW	0200Z
Zimbabwe	Z21HS	21020	2045Z
Zone 23	UA0YO	21010±	0230Z